

Global Silicon Carbon Negative Electrode Material Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G47438D77F84EN.html>

Date: August 2026

Pages: 133

Price: US\$ 4,480.00 (Single User License)

ID: G47438D77F84EN

Abstracts

The global Silicon Carbon Negative Electrode Material market size is expected to reach \$ 5884 million by 2032, rising at a market growth of 42.1% CAGR during the forecast period (2026-2032).

Silicon carbon negative electrode material is a lithium-ion battery anode material formed by combining silicon-based materials with carbon matrices, in which nano-silicon particles, silicon oxides, or silicon-carbon composite structures are embedded into a conductive carbon framework to mitigate the volume expansion of silicon during charge-discharge cycles, thereby significantly improving energy density and cycle life, and it is widely used in high-energy-density power batteries and consumer electronic batteries. The average price of silicon carbon anode materials had been approximately 40,000 USD per metric ton in 2025, and the industry average gross margin had been around 28%.

The growth of silicon carbon negative electrode material is primarily driven by the demand for higher energy density in power batteries, as the requirement for longer driving range in new energy vehicles continuously increases silicon incorporation ratios. At the same time, rising demand for lightweight and long-endurance batteries in consumer electronics such as smartphones and wearable devices accelerates the penetration of silicon-carbon systems into mid-to-high-end batteries. In addition, the development of solid-state and semi-solid-state battery technologies promotes the replacement of traditional graphite systems with high-capacity anode materials, and combined with ongoing optimization by battery manufacturers between cost reduction and performance improvement, all these factors jointly drive rapid expansion of the silicon carbon anode material industry.

This report studies the global Silicon Carbon Negative Electrode Material production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Silicon Carbon Negative Electrode Material and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Silicon Carbon Negative Electrode Material that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Silicon Carbon Negative Electrode Material total production and demand, 2021-2032, (Tons)

Global Silicon Carbon Negative Electrode Material total production value, 2021-2032, (USD Million)

Global Silicon Carbon Negative Electrode Material production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Tons), (based on production site)

Global Silicon Carbon Negative Electrode Material consumption by region & country, CAGR, 2021-2032 & (Tons)

U.S. VS China: Silicon Carbon Negative Electrode Material domestic production, consumption, key domestic manufacturers and share

Global Silicon Carbon Negative Electrode Material production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)

Global Silicon Carbon Negative Electrode Material production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

Global Silicon Carbon Negative Electrode Material production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global Silicon Carbon Negative Electrode Material market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include BTR New Material Group, Shin-Etsu, Daejoo Electronic Materials, Ningbo Shanshan, Tianmulake Excellent Anode Materials, Lanxi Zhide New Energy Materials, Carbon ONE New Energy Group, Luoyang Lianchuang Network Technology, Guangdong Kaijin New Energy Technology, Group14, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Silicon Carbon Negative Electrode Material market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Silicon Carbon Negative Electrode Material Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Silicon Carbon Negative Electrode Material Market, Segmentation by Type:

SiO/C Anode Material

Si/C Anode Material

Global Silicon Carbon Negative Electrode Material Market, Segmentation by Production Process:

Chemical Vapor Deposition (CVD)

Ball Milling Composite Process

Spray Drying Composite Process

Pyrolysis Carbon Coating Process

Otehrs

Global Silicon Carbon Negative Electrode Material Market, Segmentation by Carbon Matrix Type:

Graphene-Based

Hard Carbon Based

Soft Carbon Based

Carbon Nanotube Reinforced

Otehrs

Global Silicon Carbon Negative Electrode Material Market, Segmentation by Application:

Automotive

Consumer Electronics

Power Tools

Others

Companies Profiled:

BTR New Material Group

Shin-Etsu

Daejoo Electronic Materials

Ningbo Shanshan

Tianmulake Excellent Anode Materials

Lanxi Zhide New Energy Materials

Carbon ONE New Energy Group

Luoyang Lianchuang Network Technology

Guangdong Kaijin New Energy Technology

Group14

Sila Nanotechnologies

Guibao Science and Technology

Shandong Shida Shenghua Group

Shanghai Putailai New Energy Technology

Key Questions Answered:

1. How big is the global Silicon Carbon Negative Electrode Material market?
2. What is the demand of the global Silicon Carbon Negative Electrode Material market?
3. What is the year over year growth of the global Silicon Carbon Negative Electrode Material market?
4. What is the production and production value of the global Silicon Carbon Negative Electrode Material market?
5. Who are the key producers in the global Silicon Carbon Negative Electrode Material

market?

6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Silicon Carbon Negative Electrode Material Introduction
- 1.2 World Silicon Carbon Negative Electrode Material Supply & Forecast
 - 1.2.1 World Silicon Carbon Negative Electrode Material Production Value (2021 & 2025 & 2032)
 - 1.2.2 World Silicon Carbon Negative Electrode Material Production (2021-2032)
 - 1.2.3 World Silicon Carbon Negative Electrode Material Pricing Trends (2021-2032)
- 1.3 World Silicon Carbon Negative Electrode Material Production by Region (Based on Production Site)
 - 1.3.1 World Silicon Carbon Negative Electrode Material Production Value by Region (2021-2032)
 - 1.3.2 World Silicon Carbon Negative Electrode Material Production by Region (2021-2032)
 - 1.3.3 World Silicon Carbon Negative Electrode Material Average Price by Region (2021-2032)
 - 1.3.4 China Silicon Carbon Negative Electrode Material Production (2021-2032)
 - 1.3.5 Japan Silicon Carbon Negative Electrode Material Production (2021-2032)
 - 1.3.6 South Korea Silicon Carbon Negative Electrode Material Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Silicon Carbon Negative Electrode Material Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Silicon Carbon Negative Electrode Material Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Silicon Carbon Negative Electrode Material Demand (2021-2032)
- 2.2 World Silicon Carbon Negative Electrode Material Consumption by Region
 - 2.2.1 World Silicon Carbon Negative Electrode Material Consumption by Region (2021-2026)
 - 2.2.2 World Silicon Carbon Negative Electrode Material Consumption Forecast by Region (2027-2032)
- 2.3 United States Silicon Carbon Negative Electrode Material Consumption (2021-2032)
- 2.4 China Silicon Carbon Negative Electrode Material Consumption (2021-2032)
- 2.5 Europe Silicon Carbon Negative Electrode Material Consumption (2021-2032)
- 2.6 Japan Silicon Carbon Negative Electrode Material Consumption (2021-2032)
- 2.7 South Korea Silicon Carbon Negative Electrode Material Consumption (2021-2032)

2.8 ASEAN Silicon Carbon Negative Electrode Material Consumption (2021-2032)

2.9 India Silicon Carbon Negative Electrode Material Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World Silicon Carbon Negative Electrode Material Production Value by Manufacturer (2021-2026)

3.2 World Silicon Carbon Negative Electrode Material Production by Manufacturer (2021-2026)

3.3 World Silicon Carbon Negative Electrode Material Average Price by Manufacturer (2021-2026)

3.4 Silicon Carbon Negative Electrode Material Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global Silicon Carbon Negative Electrode Material Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for Silicon Carbon Negative Electrode Material in 2025

3.5.3 Global Concentration Ratios (CR8) for Silicon Carbon Negative Electrode Material in 2025

3.6 Silicon Carbon Negative Electrode Material Market: Overall Company Footprint Analysis

3.6.1 Silicon Carbon Negative Electrode Material Market: Region Footprint

3.6.2 Silicon Carbon Negative Electrode Material Market: Company Product Type Footprint

3.6.3 Silicon Carbon Negative Electrode Material Market: Company Product Application Footprint

3.7 Competitive Environment

3.7.1 Historical Structure of the Industry

3.7.2 Barriers of Market Entry

3.7.3 Factors of Competition

3.8 New Entrant and Capacity Expansion Plans

3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

4.1 United States VS China: Silicon Carbon Negative Electrode Material Production Value Comparison

4.1.1 United States VS China: Silicon Carbon Negative Electrode Material Production Value Comparison (2021 & 2025 & 2032)

4.1.2 United States VS China: Silicon Carbon Negative Electrode Material Production Value Market Share Comparison (2021 & 2025 & 2032)

4.2 United States VS China: Silicon Carbon Negative Electrode Material Production Comparison

4.2.1 United States VS China: Silicon Carbon Negative Electrode Material Production Comparison (2021 & 2025 & 2032)

4.2.2 United States VS China: Silicon Carbon Negative Electrode Material Production Market Share Comparison (2021 & 2025 & 2032)

4.3 United States VS China: Silicon Carbon Negative Electrode Material Consumption Comparison

4.3.1 United States VS China: Silicon Carbon Negative Electrode Material Consumption Comparison (2021 & 2025 & 2032)

4.3.2 United States VS China: Silicon Carbon Negative Electrode Material Consumption Market Share Comparison (2021 & 2025 & 2032)

4.4 United States Based Silicon Carbon Negative Electrode Material Manufacturers and Market Share, 2021-2026

4.4.1 United States Based Silicon Carbon Negative Electrode Material Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Silicon Carbon Negative Electrode Material Production Value (2021-2026)

4.4.3 United States Based Manufacturers Silicon Carbon Negative Electrode Material Production (2021-2026)

4.5 China Based Silicon Carbon Negative Electrode Material Manufacturers and Market Share

4.5.1 China Based Silicon Carbon Negative Electrode Material Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Silicon Carbon Negative Electrode Material Production Value (2021-2026)

4.5.3 China Based Manufacturers Silicon Carbon Negative Electrode Material Production (2021-2026)

4.6 Rest of World Based Silicon Carbon Negative Electrode Material Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Silicon Carbon Negative Electrode Material Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Silicon Carbon Negative Electrode Material Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Silicon Carbon Negative Electrode Material Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Silicon Carbon Negative Electrode Material Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 SiO/C Anode Material

5.2.2 Si/C Anode Material

5.3 Market Segment by Type

5.3.1 World Silicon Carbon Negative Electrode Material Production by Type (2021-2032)

5.3.2 World Silicon Carbon Negative Electrode Material Production Value by Type (2021-2032)

5.3.3 World Silicon Carbon Negative Electrode Material Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY PRODUCTION PROCESS

6.1 World Silicon Carbon Negative Electrode Material Market Size Overview by Production Process: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Production Process

6.2.1 Chemical Vapor Deposition (CVD)

6.2.2 Ball Milling Composite Process

6.2.3 Spray Drying Composite Process

6.2.4 Pyrolysis Carbon Coating Process

6.2.5 Others

6.3 Market Segment by Production Process

6.3.1 World Silicon Carbon Negative Electrode Material Production by Production Process (2021-2032)

6.3.2 World Silicon Carbon Negative Electrode Material Production Value by Production Process (2021-2032)

6.3.3 World Silicon Carbon Negative Electrode Material Average Price by Production Process (2021-2032)

7 MARKET ANALYSIS BY CARBON MATRIX TYPE

7.1 World Silicon Carbon Negative Electrode Material Market Size Overview by Carbon Matrix Type: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Carbon Matrix Type

7.2.1 Graphene-Based

7.2.2 Hard Carbon Based

7.2.3 Soft Carbon Based

7.2.4 Carbon Nanotube Reinforced

7.2.5 Others

7.3 Market Segment by Carbon Matrix Type

7.3.1 World Silicon Carbon Negative Electrode Material Production by Carbon Matrix Type (2021-2032)

7.3.2 World Silicon Carbon Negative Electrode Material Production Value by Carbon Matrix Type (2021-2032)

7.3.3 World Silicon Carbon Negative Electrode Material Average Price by Carbon Matrix Type (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World Silicon Carbon Negative Electrode Material Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Automotive

8.2.2 Consumer Electronics

8.2.3 Power Tools

8.2.4 Others

8.3 Market Segment by Application

8.3.1 World Silicon Carbon Negative Electrode Material Production by Application (2021-2032)

8.3.2 World Silicon Carbon Negative Electrode Material Production Value by Application (2021-2032)

8.3.3 World Silicon Carbon Negative Electrode Material Average Price by Application (2021-2032)

9 COMPANY PROFILES

9.1 BTR New Material Group

9.1.1 BTR New Material Group Details

9.1.2 BTR New Material Group Major Business

9.1.3 BTR New Material Group Silicon Carbon Negative Electrode Material Product and Services

9.1.4 BTR New Material Group Silicon Carbon Negative Electrode Material Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.1.5 BTR New Material Group Recent Developments/Updates

- 9.1.6 BTR New Material Group Competitive Strengths & Weaknesses
- 9.2 Shin-Etsu
 - 9.2.1 Shin-Etsu Details
 - 9.2.2 Shin-Etsu Major Business
 - 9.2.3 Shin-Etsu Silicon Carbon Negative Electrode Material Product and Services
 - 9.2.4 Shin-Etsu Silicon Carbon Negative Electrode Material Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.2.5 Shin-Etsu Recent Developments/Updates
 - 9.2.6 Shin-Etsu Competitive Strengths & Weaknesses
- 9.3 Daejoo Electronic Materials
 - 9.3.1 Daejoo Electronic Materials Details
 - 9.3.2 Daejoo Electronic Materials Major Business
 - 9.3.3 Daejoo Electronic Materials Silicon Carbon Negative Electrode Material Product and Services
 - 9.3.4 Daejoo Electronic Materials Silicon Carbon Negative Electrode Material Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.3.5 Daejoo Electronic Materials Recent Developments/Updates
 - 9.3.6 Daejoo Electronic Materials Competitive Strengths & Weaknesses
- 9.4 Ningbo Shanshan
 - 9.4.1 Ningbo Shanshan Details
 - 9.4.2 Ningbo Shanshan Major Business
 - 9.4.3 Ningbo Shanshan Silicon Carbon Negative Electrode Material Product and Services
 - 9.4.4 Ningbo Shanshan Silicon Carbon Negative Electrode Material Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.4.5 Ningbo Shanshan Recent Developments/Updates
 - 9.4.6 Ningbo Shanshan Competitive Strengths & Weaknesses
- 9.5 Tianmulake Excellent Anode Materials
 - 9.5.1 Tianmulake Excellent Anode Materials Details
 - 9.5.2 Tianmulake Excellent Anode Materials Major Business
 - 9.5.3 Tianmulake Excellent Anode Materials Silicon Carbon Negative Electrode Material Product and Services
 - 9.5.4 Tianmulake Excellent Anode Materials Silicon Carbon Negative Electrode Material Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.5.5 Tianmulake Excellent Anode Materials Recent Developments/Updates
 - 9.5.6 Tianmulake Excellent Anode Materials Competitive Strengths & Weaknesses
- 9.6 Lanxi Zhide New Energy Materials
 - 9.6.1 Lanxi Zhide New Energy Materials Details
 - 9.6.2 Lanxi Zhide New Energy Materials Major Business

9.6.3 Lanxi Zhide New Energy Materials Silicon Carbon Negative Electrode Material Product and Services

9.6.4 Lanxi Zhide New Energy Materials Silicon Carbon Negative Electrode Material Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.6.5 Lanxi Zhide New Energy Materials Recent Developments/Updates

9.6.6 Lanxi Zhide New Energy Materials Competitive Strengths & Weaknesses

9.7 Carbon ONE New Energy Group

9.7.1 Carbon ONE New Energy Group Details

9.7.2 Carbon ONE New Energy Group Major Business

9.7.3 Carbon ONE New Energy Group Silicon Carbon Negative Electrode Material Product and Services

9.7.4 Carbon ONE New Energy Group Silicon Carbon Negative Electrode Material Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.7.5 Carbon ONE New Energy Group Recent Developments/Updates

9.7.6 Carbon ONE New Energy Group Competitive Strengths & Weaknesses

9.8 Luoyang Lianchuang Network Technology

9.8.1 Luoyang Lianchuang Network Technology Details

9.8.2 Luoyang Lianchuang Network Technology Major Business

9.8.3 Luoyang Lianchuang Network Technology Silicon Carbon Negative Electrode Material Product and Services

9.8.4 Luoyang Lianchuang Network Technology Silicon Carbon Negative Electrode Material Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.8.5 Luoyang Lianchuang Network Technology Recent Developments/Updates

9.8.6 Luoyang Lianchuang Network Technology Competitive Strengths & Weaknesses

9.9 Guangdong Kaijin New Energy Technology

9.9.1 Guangdong Kaijin New Energy Technology Details

9.9.2 Guangdong Kaijin New Energy Technology Major Business

9.9.3 Guangdong Kaijin New Energy Technology Silicon Carbon Negative Electrode Material Product and Services

9.9.4 Guangdong Kaijin New Energy Technology Silicon Carbon Negative Electrode Material Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.9.5 Guangdong Kaijin New Energy Technology Recent Developments/Updates

9.9.6 Guangdong Kaijin New Energy Technology Competitive Strengths & Weaknesses

9.10 Group14

9.10.1 Group14 Details

9.10.2 Group14 Major Business

9.10.3 Group14 Silicon Carbon Negative Electrode Material Product and Services

9.10.4 Group14 Silicon Carbon Negative Electrode Material Production, Price, Value,

Gross Margin and Market Share (2021-2026)

9.10.5 Group14 Recent Developments/Updates

9.10.6 Group14 Competitive Strengths & Weaknesses

9.11 Sila Nanotechnologies

9.11.1 Sila Nanotechnologies Details

9.11.2 Sila Nanotechnologies Major Business

9.11.3 Sila Nanotechnologies Silicon Carbon Negative Electrode Material Product and Services

9.11.4 Sila Nanotechnologies Silicon Carbon Negative Electrode Material Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.11.5 Sila Nanotechnologies Recent Developments/Updates

9.11.6 Sila Nanotechnologies Competitive Strengths & Weaknesses

9.12 Guibao Science and Technology

9.12.1 Guibao Science and Technology Details

9.12.2 Guibao Science and Technology Major Business

9.12.3 Guibao Science and Technology Silicon Carbon Negative Electrode Material Product and Services

9.12.4 Guibao Science and Technology Silicon Carbon Negative Electrode Material Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.12.5 Guibao Science and Technology Recent Developments/Updates

9.12.6 Guibao Science and Technology Competitive Strengths & Weaknesses

9.13 Shandong Shida Shenghua Group

9.13.1 Shandong Shida Shenghua Group Details

9.13.2 Shandong Shida Shenghua Group Major Business

9.13.3 Shandong Shida Shenghua Group Silicon Carbon Negative Electrode Material Product and Services

9.13.4 Shandong Shida Shenghua Group Silicon Carbon Negative Electrode Material Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.13.5 Shandong Shida Shenghua Group Recent Developments/Updates

9.13.6 Shandong Shida Shenghua Group Competitive Strengths & Weaknesses

9.14 Shanghai Putailai New Energy Technology

9.14.1 Shanghai Putailai New Energy Technology Details

9.14.2 Shanghai Putailai New Energy Technology Major Business

9.14.3 Shanghai Putailai New Energy Technology Silicon Carbon Negative Electrode Material Product and Services

9.14.4 Shanghai Putailai New Energy Technology Silicon Carbon Negative Electrode Material Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.14.5 Shanghai Putailai New Energy Technology Recent Developments/Updates

9.14.6 Shanghai Putailai New Energy Technology Competitive Strengths &

Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 Silicon Carbon Negative Electrode Material Industry Chain

10.2 Silicon Carbon Negative Electrode Material Upstream Analysis

10.2.1 Silicon Carbon Negative Electrode Material Core Raw Materials

10.2.2 Main Manufacturers of Silicon Carbon Negative Electrode Material Core Raw Materials

10.3 Midstream Analysis

10.4 Downstream Analysis

10.5 Silicon Carbon Negative Electrode Material Production Mode

10.6 Silicon Carbon Negative Electrode Material Procurement Model

10.7 Silicon Carbon Negative Electrode Material Industry Sales Model and Sales Channels

10.7.1 Silicon Carbon Negative Electrode Material Sales Model

10.7.2 Silicon Carbon Negative Electrode Material Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

12.1 Methodology

12.2 Research Process and Data Source

12.3 Disclaimer

List Of Tables

LIST OF TABLES

- Table 1. World Silicon Carbon Negative Electrode Material Production Value by Region (2021, 2025 and 2032) & (USD Million)
- Table 2. World Silicon Carbon Negative Electrode Material Production Value by Region (2021-2026) & (USD Million)
- Table 3. World Silicon Carbon Negative Electrode Material Production Value by Region (2027-2032) & (USD Million)
- Table 4. World Silicon Carbon Negative Electrode Material Production Value Market Share by Region (2021-2026)
- Table 5. World Silicon Carbon Negative Electrode Material Production Value Market Share by Region (2027-2032)
- Table 6. World Silicon Carbon Negative Electrode Material Production by Region (2021-2026) & (Tons)
- Table 7. World Silicon Carbon Negative Electrode Material Production by Region (2027-2032) & (Tons)
- Table 8. World Silicon Carbon Negative Electrode Material Production Market Share by Region (2021-2026)
- Table 9. World Silicon Carbon Negative Electrode Material Production Market Share by Region (2027-2032)
- Table 10. World Silicon Carbon Negative Electrode Material Average Price by Region (2021-2026) & (US\$/Ton)
- Table 11. World Silicon Carbon Negative Electrode Material Average Price by Region (2027-2032) & (US\$/Ton)
- Table 12. Silicon Carbon Negative Electrode Material Major Market Trends
- Table 13. World Silicon Carbon Negative Electrode Material Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Tons)
- Table 14. World Silicon Carbon Negative Electrode Material Consumption by Region (2021-2026) & (Tons)
- Table 15. World Silicon Carbon Negative Electrode Material Consumption Forecast by Region (2027-2032) & (Tons)
- Table 16. World Silicon Carbon Negative Electrode Material Production Value by Manufacturer (2021-2026) & (USD Million)
- Table 17. Production Value Market Share of Key Silicon Carbon Negative Electrode Material Producers in 2025
- Table 18. World Silicon Carbon Negative Electrode Material Production by Manufacturer (2021-2026) & (Tons)

Table 19. Production Market Share of Key Silicon Carbon Negative Electrode Material Producers in 2025

Table 20. World Silicon Carbon Negative Electrode Material Average Price by Manufacturer (2021-2026) & (US\$/Ton)

Table 21. Global Silicon Carbon Negative Electrode Material Company Evaluation Quadrant

Table 22. World Silicon Carbon Negative Electrode Material Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Silicon Carbon Negative Electrode Material Production Site of Key Manufacturer

Table 24. Silicon Carbon Negative Electrode Material Market: Company Product Type Footprint

Table 25. Silicon Carbon Negative Electrode Material Market: Company Product Application Footprint

Table 26. Silicon Carbon Negative Electrode Material Competitive Factors

Table 27. Silicon Carbon Negative Electrode Material New Entrant and Capacity Expansion Plans

Table 28. Silicon Carbon Negative Electrode Material Mergers & Acquisitions Activity

Table 29. United States VS China Silicon Carbon Negative Electrode Material Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Silicon Carbon Negative Electrode Material Production Comparison, (2021 & 2025 & 2032) & (Tons)

Table 31. United States VS China Silicon Carbon Negative Electrode Material Consumption Comparison, (2021 & 2025 & 2032) & (Tons)

Table 32. United States Based Silicon Carbon Negative Electrode Material Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Silicon Carbon Negative Electrode Material Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Silicon Carbon Negative Electrode Material Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Silicon Carbon Negative Electrode Material Production (2021-2026) & (Tons)

Table 36. United States Based Manufacturers Silicon Carbon Negative Electrode Material Production Market Share (2021-2026)

Table 37. China Based Silicon Carbon Negative Electrode Material Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Silicon Carbon Negative Electrode Material Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Silicon Carbon Negative Electrode Material

Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Silicon Carbon Negative Electrode Material Production, (2021-2026) & (Tons)

Table 41. China Based Manufacturers Silicon Carbon Negative Electrode Material Production Market Share (2021-2026)

Table 42. Rest of World Based Silicon Carbon Negative Electrode Material Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Silicon Carbon Negative Electrode Material Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Silicon Carbon Negative Electrode Material Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Silicon Carbon Negative Electrode Material Production, (2021-2026) & (Tons)

Table 46. Rest of World Based Manufacturers Silicon Carbon Negative Electrode Material Production Market Share (2021-2026)

Table 47. World Silicon Carbon Negative Electrode Material Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Silicon Carbon Negative Electrode Material Production by Type (2021-2026) & (Tons)

Table 49. World Silicon Carbon Negative Electrode Material Production by Type (2027-2032) & (Tons)

Table 50. World Silicon Carbon Negative Electrode Material Production Value by Type (2021-2026) & (USD Million)

Table 51. World Silicon Carbon Negative Electrode Material Production Value by Type (2027-2032) & (USD Million)

Table 52. World Silicon Carbon Negative Electrode Material Average Price by Type (2021-2026) & (US\$/Ton)

Table 53. World Silicon Carbon Negative Electrode Material Average Price by Type (2027-2032) & (US\$/Ton)

Table 54. World Silicon Carbon Negative Electrode Material Production Value by Production Process, (USD Million), 2021 & 2025 & 2032

Table 55. World Silicon Carbon Negative Electrode Material Production by Production Process (2021-2026) & (Tons)

Table 56. World Silicon Carbon Negative Electrode Material Production by Production Process (2027-2032) & (Tons)

Table 57. World Silicon Carbon Negative Electrode Material Production Value by Production Process (2021-2026) & (USD Million)

Table 58. World Silicon Carbon Negative Electrode Material Production Value by Production Process (2027-2032) & (USD Million)

Table 59. World Silicon Carbon Negative Electrode Material Average Price by Production Process (2021-2026) & (US\$/Ton)

Table 60. World Silicon Carbon Negative Electrode Material Average Price by Production Process (2027-2032) & (US\$/Ton)

Table 61. World Silicon Carbon Negative Electrode Material Production Value by Carbon Matrix Type, (USD Million), 2021 & 2025 & 2032

Table 62. World Silicon Carbon Negative Electrode Material Production by Carbon Matrix Type (2021-2026) & (Tons)

Table 63. World Silicon Carbon Negative Electrode Material Production by Carbon Matrix Type (2027-2032) & (Tons)

Table 64. World Silicon Carbon Negative Electrode Material Production Value by Carbon Matrix Type (2021-2026) & (USD Million)

Table 65. World Silicon Carbon Negative Electrode Material Production Value by Carbon Matrix Type (2027-2032) & (USD Million)

Table 66. World Silicon Carbon Negative Electrode Material Average Price by Carbon Matrix Type (2021-2026) & (US\$/Ton)

Table 67. World Silicon Carbon Negative Electrode Material Average Price by Carbon Matrix Type (2027-2032) & (US\$/Ton)

Table 68. World Silicon Carbon Negative Electrode Material Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World Silicon Carbon Negative Electrode Material Production by Application (2021-2026) & (Tons)

Table 70. World Silicon Carbon Negative Electrode Material Production by Application (2027-2032) & (Tons)

Table 71. World Silicon Carbon Negative Electrode Material Production Value by Application (2021-2026) & (USD Million)

Table 72. World Silicon Carbon Negative Electrode Material Production Value by Application (2027-2032) & (USD Million)

Table 73. World Silicon Carbon Negative Electrode Material Average Price by Application (2021-2026) & (US\$/Ton)

Table 74. World Silicon Carbon Negative Electrode Material Average Price by Application (2027-2032) & (US\$/Ton)

Table 75. BTR New Material Group Basic Information, Manufacturing Base and Competitors

Table 76. BTR New Material Group Major Business

Table 77. BTR New Material Group Silicon Carbon Negative Electrode Material Product and Services

Table 78. BTR New Material Group Silicon Carbon Negative Electrode Material Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and

Market Share (2021-2026)

Table 79. BTR New Material Group Recent Developments/Updates

Table 80. BTR New Material Group Competitive Strengths & Weaknesses

Table 81. Shin-Etsu Basic Information, Manufacturing Base and Competitors

Table 82. Shin-Etsu Major Business

Table 83. Shin-Etsu Silicon Carbon Negative Electrode Material Product and Services

Table 84. Shin-Etsu Silicon Carbon Negative Electrode Material Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. Shin-Etsu Recent Developments/Updates

Table 86. Shin-Etsu Competitive Strengths & Weaknesses

Table 87. Daejoo Electronic Materials Basic Information, Manufacturing Base and Competitors

Table 88. Daejoo Electronic Materials Major Business

Table 89. Daejoo Electronic Materials Silicon Carbon Negative Electrode Material Product and Services

Table 90. Daejoo Electronic Materials Silicon Carbon Negative Electrode Material Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. Daejoo Electronic Materials Recent Developments/Updates

Table 92. Daejoo Electronic Materials Competitive Strengths & Weaknesses

Table 93. Ningbo Shanshan Basic Information, Manufacturing Base and Competitors

Table 94. Ningbo Shanshan Major Business

Table 95. Ningbo Shanshan Silicon Carbon Negative Electrode Material Product and Services

Table 96. Ningbo Shanshan Silicon Carbon Negative Electrode Material Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 97. Ningbo Shanshan Recent Developments/Updates

Table 98. Ningbo Shanshan Competitive Strengths & Weaknesses

Table 99. Tianmulake Excellent Anode Materials Basic Information, Manufacturing Base and Competitors

Table 100. Tianmulake Excellent Anode Materials Major Business

Table 101. Tianmulake Excellent Anode Materials Silicon Carbon Negative Electrode Material Product and Services

Table 102. Tianmulake Excellent Anode Materials Silicon Carbon Negative Electrode Material Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 103. Tianmulake Excellent Anode Materials Recent Developments/Updates

Table 104. Tianmulake Excellent Anode Materials Competitive Strengths & Weaknesses

Table 105. Lanxi Zhide New Energy Materials Basic Information, Manufacturing Base and Competitors

Table 106. Lanxi Zhide New Energy Materials Major Business

Table 107. Lanxi Zhide New Energy Materials Silicon Carbon Negative Electrode Material Product and Services

Table 108. Lanxi Zhide New Energy Materials Silicon Carbon Negative Electrode Material Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 109. Lanxi Zhide New Energy Materials Recent Developments/Updates

Table 110. Lanxi Zhide New Energy Materials Competitive Strengths & Weaknesses

Table 111. Carbon ONE New Energy Group Basic Information, Manufacturing Base and Competitors

Table 112. Carbon ONE New Energy Group Major Business

Table 113. Carbon ONE New Energy Group Silicon Carbon Negative Electrode Material Product and Services

Table 114. Carbon ONE New Energy Group Silicon Carbon Negative Electrode Material Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 115. Carbon ONE New Energy Group Recent Developments/Updates

Table 116. Carbon ONE New Energy Group Competitive Strengths & Weaknesses

Table 117. Luoyang Lianchuang Network Technology Basic Information, Manufacturing Base and Competitors

Table 118. Luoyang Lianchuang Network Technology Major Business

Table 119. Luoyang Lianchuang Network Technology Silicon Carbon Negative Electrode Material Product and Services

Table 120. Luoyang Lianchuang Network Technology Silicon Carbon Negative Electrode Material Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 121. Luoyang Lianchuang Network Technology Recent Developments/Updates

Table 122. Luoyang Lianchuang Network Technology Competitive Strengths & Weaknesses

Table 123. Guangdong Kaijin New Energy Technology Basic Information, Manufacturing Base and Competitors

Table 124. Guangdong Kaijin New Energy Technology Major Business

Table 125. Guangdong Kaijin New Energy Technology Silicon Carbon Negative Electrode Material Product and Services

Table 126. Guangdong Kaijin New Energy Technology Silicon Carbon Negative

Electrode Material Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 127. Guangdong Kaijin New Energy Technology Recent Developments/Updates

Table 128. Guangdong Kaijin New Energy Technology Competitive Strengths & Weaknesses

Table 129. Group14 Basic Information, Manufacturing Base and Competitors

Table 130. Group14 Major Business

Table 131. Group14 Silicon Carbon Negative Electrode Material Product and Services

Table 132. Group14 Silicon Carbon Negative Electrode Material Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 133. Group14 Recent Developments/Updates

Table 134. Group14 Competitive Strengths & Weaknesses

Table 135. Sila Nanotechnologies Basic Information, Manufacturing Base and Competitors

Table 136. Sila Nanotechnologies Major Business

Table 137. Sila Nanotechnologies Silicon Carbon Negative Electrode Material Product and Services

Table 138. Sila Nanotechnologies Silicon Carbon Negative Electrode Material Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 139. Sila Nanotechnologies Recent Developments/Updates

Table 140. Sila Nanotechnologies Competitive Strengths & Weaknesses

Table 141. Guibao Science and Technology Basic Information, Manufacturing Base and Competitors

Table 142. Guibao Science and Technology Major Business

Table 143. Guibao Science and Technology Silicon Carbon Negative Electrode Material Product and Services

Table 144. Guibao Science and Technology Silicon Carbon Negative Electrode Material Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 145. Guibao Science and Technology Recent Developments/Updates

Table 146. Guibao Science and Technology Competitive Strengths & Weaknesses

Table 147. Shandong Shida Shenghua Group Basic Information, Manufacturing Base and Competitors

Table 148. Shandong Shida Shenghua Group Major Business

Table 149. Shandong Shida Shenghua Group Silicon Carbon Negative Electrode Material Product and Services

Table 150. Shandong Shida Shenghua Group Silicon Carbon Negative Electrode

Material Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 151. Shandong Shida Shenghua Group Recent Developments/Updates

Table 152. Shandong Shida Shenghua Group Competitive Strengths & Weaknesses

Table 153. Shanghai Putailai New Energy Technology Basic Information, Manufacturing Base and Competitors

Table 154. Shanghai Putailai New Energy Technology Major Business

Table 155. Shanghai Putailai New Energy Technology Silicon Carbon Negative Electrode Material Product and Services

Table 156. Shanghai Putailai New Energy Technology Silicon Carbon Negative Electrode Material Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 157. Shanghai Putailai New Energy Technology Recent Developments/Updates

Table 158. Shanghai Putailai New Energy Technology Competitive Strengths & Weaknesses

Table 159. Global Key Players of Silicon Carbon Negative Electrode Material Upstream (Raw Materials)

Table 160. Global Silicon Carbon Negative Electrode Material Typical Customers

Table 161. Silicon Carbon Negative Electrode Material Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Silicon Carbon Negative Electrode Material Picture

Figure 2. World Silicon Carbon Negative Electrode Material Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Silicon Carbon Negative Electrode Material Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Silicon Carbon Negative Electrode Material Production (2021-2032) & (Tons)

Figure 5. World Silicon Carbon Negative Electrode Material Average Price (2021-2032) & (US\$/Ton)

Figure 6. World Silicon Carbon Negative Electrode Material Production Value Market Share by Region (2021-2032)

Figure 7. World Silicon Carbon Negative Electrode Material Production Market Share by Region (2021-2032)

Figure 8. China Silicon Carbon Negative Electrode Material Production (2021-2032) & (Tons)

Figure 9. Japan Silicon Carbon Negative Electrode Material Production (2021-2032) & (Tons)

Figure 10. South Korea Silicon Carbon Negative Electrode Material Production (2021-2032) & (Tons)

Figure 11. Silicon Carbon Negative Electrode Material Market Drivers

Figure 12. Factors Affecting Demand

Figure 13. World Silicon Carbon Negative Electrode Material Consumption (2021-2032) & (Tons)

Figure 14. World Silicon Carbon Negative Electrode Material Consumption Market Share by Region (2021-2032)

Figure 15. United States Silicon Carbon Negative Electrode Material Consumption (2021-2032) & (Tons)

Figure 16. China Silicon Carbon Negative Electrode Material Consumption (2021-2032) & (Tons)

Figure 17. Europe Silicon Carbon Negative Electrode Material Consumption (2021-2032) & (Tons)

Figure 18. Japan Silicon Carbon Negative Electrode Material Consumption (2021-2032) & (Tons)

Figure 19. South Korea Silicon Carbon Negative Electrode Material Consumption (2021-2032) & (Tons)

- Figure 20. ASEAN Silicon Carbon Negative Electrode Material Consumption (2021-2032) & (Tons)
- Figure 21. India Silicon Carbon Negative Electrode Material Consumption (2021-2032) & (Tons)
- Figure 22. Producer Shipments of Silicon Carbon Negative Electrode Material by Manufacturer Revenue (\$MM) and Market Share (%): 2025
- Figure 23. Global Four-firm Concentration Ratios (CR4) for Silicon Carbon Negative Electrode Material Markets in 2025
- Figure 24. Global Four-firm Concentration Ratios (CR8) for Silicon Carbon Negative Electrode Material Markets in 2025
- Figure 25. United States VS China: Silicon Carbon Negative Electrode Material Production Value Market Share Comparison (2021 & 2025 & 2032)
- Figure 26. United States VS China: Silicon Carbon Negative Electrode Material Production Market Share Comparison (2021 & 2025 & 2032)
- Figure 27. United States VS China: Silicon Carbon Negative Electrode Material Consumption Market Share Comparison (2021 & 2025 & 2032)
- Figure 28. United States Based Manufacturers Silicon Carbon Negative Electrode Material Production Market Share 2025
- Figure 29. China Based Manufacturers Silicon Carbon Negative Electrode Material Production Market Share 2025
- Figure 30. Rest of World Based Manufacturers Silicon Carbon Negative Electrode Material Production Market Share 2025
- Figure 31. World Silicon Carbon Negative Electrode Material Production Value by Type, (USD Million), 2021 & 2025 & 2032
- Figure 32. World Silicon Carbon Negative Electrode Material Production Value Market Share by Type in 2025
- Figure 33. SiO/C Anode Material
- Figure 34. Si/C Anode Material
- Figure 35. World Silicon Carbon Negative Electrode Material Production Market Share by Type (2021-2032)
- Figure 36. World Silicon Carbon Negative Electrode Material Production Value Market Share by Type (2021-2032)
- Figure 37. World Silicon Carbon Negative Electrode Material Average Price by Type (2021-2032) & (US\$/Ton)
- Figure 38. World Silicon Carbon Negative Electrode Material Production Value by Production Process, (USD Million), 2021 & 2025 & 2032
- Figure 39. World Silicon Carbon Negative Electrode Material Production Value Market Share by Production Process in 2025
- Figure 40. Chemical Vapor Deposition (CVD)

Figure 41. Ball Milling Composite Process

Figure 42. Spray Drying Composite Process

Figure 43. Pyrolysis Carbon Coating Process

Figure 44. Others

Figure 45. World Silicon Carbon Negative Electrode Material Production Market Share by Production Process (2021-2032)

Figure 46. World Silicon Carbon Negative Electrode Material Production Value Market Share by Production Process (2021-2032)

Figure 47. World Silicon Carbon Negative Electrode Material Average Price by Production Process (2021-2032) & (US\$/Ton)

Figure 48. World Silicon Carbon Negative Electrode Material Production Value by Carbon Matrix Type, (USD Million), 2021 & 2025 & 2032

Figure 49. World Silicon Carbon Negative Electrode Material Production Value Market Share by Carbon Matrix Type in 2025

Figure 50. Graphene-Based

Figure 51. Hard Carbon Based

Figure 52. Soft Carbon Based

Figure 53. Carbon Nanotube Reinforced

Figure 54. Others

Figure 55. World Silicon Carbon Negative Electrode Material Production Market Share by Carbon Matrix Type (2021-2032)

Figure 56. World Silicon Carbon Negative Electrode Material Production Value Market Share by Carbon Matrix Type (2021-2032)

Figure 57. World Silicon Carbon Negative Electrode Material Average Price by Carbon Matrix Type (2021-2032) & (US\$/Ton)

Figure 58. World Silicon Carbon Negative Electrode Material Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 59. World Silicon Carbon Negative Electrode Material Production Value Market Share by Application in 2025

Figure 60. Automotive

Figure 61. Consumer Electronics

Figure 62. Power Tools

Figure 63. Others

Figure 64. World Silicon Carbon Negative Electrode Material Production Market Share by Application (2021-2032)

Figure 65. World Silicon Carbon Negative Electrode Material Production Value Market Share by Application (2021-2032)

Figure 66. World Silicon Carbon Negative Electrode Material Average Price by Application (2021-2032) & (US\$/Ton)

Figure 67. Silicon Carbon Negative Electrode Material Industry Chain

Figure 68. Silicon Carbon Negative Electrode Material Procurement Model

Figure 69. Silicon Carbon Negative Electrode Material Sales Model

Figure 70. Silicon Carbon Negative Electrode Material Sales Channels, Direct Sales, and Distribution

Figure 71. Methodology

Figure 72. Research Process and Data Source

I would like to order

Product name: Global Silicon Carbon Negative Electrode Material Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G47438D77F84EN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G47438D77F84EN.html>